

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	156	271/153,154,214,185,186,177,178,187,314,315,82,155,217,215,3,17,220;414/793.9,794,198,441,459.2.ccls. and @pd> "20080501"	US-PGPUB; USPAT	OR	ON	2009/07/31 10:59
S1	1	10/569170.app.	US-PGPUB; USPAT	OR	ON	2008/05/09 14:48
S2	1	"5518230".pn.	US-PGPUB; USPAT	OR	ON	2008/05/09 15:02
S3	24	("3722879"   "3785638"   "3968364"   "4230312"   "4469320"   "4501418"   "4589645"   "5098080"   "5145167"   "5172904").PN. OR ("5518230").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/09 15:53
S4	285	271/187.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 10:05
S5	379	271/153-155.ccls. not S4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 10:55
S6	438	271/214,217.ccls. not S4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 11:17
S7	431	271/214,217.ccls. not (S4 S5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 11:17
S8	1211	271/185,186.ccls. not (S4 S5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 11:43
S9	1202	271/185,186.ccls. not (S4 S5 S6 S7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 11:43
S10	333	271/177,178.ccls. not (S4 S5 S6 S7 S8 S9)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 12:04

S11	965	271/314,315,82.cds. not (S4 S5 S6 S7 S8 S9 S10)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 12:23
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S13	33	(US-20050280201-\$ or US-20050023746-\$ or US-20080036136-\$ or US-20080029951-\$ or US-20070210508-\$ or US-20050087925-\$ or US-20010020768-\$).did. or (US-5518230-\$ or US-7364398-\$ or US-7219887-\$ or US-6877740-\$ or US-6832886-\$ or US-6165113-\$ or US-6019209-\$ or US-5899448-\$ or US-5172904-\$ or US-5098080-\$ or US-6581927-\$ or US-5803705-\$ or US-5692740-\$ or US-5114135-\$ or US-5028045-\$ or US-4714394-\$ or US-4629174-\$ or US-4595193-\$ or US-4593896-\$ or US-4552351-\$ or US-4511136-\$ or US-4501418-\$ or US-4470590-\$ or US-6592119-\$ or US-5409201-\$).did. or (FR-2664581-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2008/05/12 13:29
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S15	246	S12 not (S4 S5 S6 S7 S8 S9 S10 S11 S13 S14)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 13:29
S16	37	(US-20050280201-\$ or US-20050023746-\$ or US-20080036136-\$ or US-20080029951-\$ or US-20070210508-\$ or US-20050087925-\$ or US-20010020768-\$).did. or (US-5518230-\$ or US-7364398-\$ or US-7219887-\$ or US-6877740-\$ or US-6832886-\$ or US-6165113-\$ or US-6019209-\$ or US-5899448-\$ or US-5172904-\$ or US-5098080-\$ or US-6581927-\$ or US-5803705-\$ or US-5692740-\$ or US-5114135-\$ or US-5028045-\$ or US-4714394-\$ or US-4629174-\$ or US-4595193-\$ or US-4593896-\$ or US-4552351-\$ or US-4511136-\$ or US-4501418-\$ or US-4470590-\$ or US-6592119-\$ or US-5409201-\$ or US-7159863-\$).did. or (US-5685532-\$ or US-5409202-\$ or US-3298683-\$).did. or (FR-2664581-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2008/05/12 13:50

S17	536	( "0950014"   "0980385"   "1425556"   "1586544"   "1701760"   "1845895"   "1958133"   "1985676"   "1991411"   "1992179"   "20020020963"   "2011236"   "2016309"   "2109050"   "2172364"   "2205767"   "2631845"   "2775171"   "2787468"   "2849236"   "2929624"   "2954881"   "2981411"   "3019886"   "3044228"   "3062537"   "3088604"   "3163413"   "3207361"   "3213734"   "3223225"   "3254889"   "3256012"   "3279664"   "3279792"   "3292470"   "3298683"   "3313538"   "3331183"   "3347367"   "3351215"   "3362707"   "3390508"   "3414138"   "3418895"   "3477558"   "3479932"   "3531108"   "3552828"   "3557688"   "3584869"   "3624723"   "3643555"   "3643816"   "3656271"   "3675792"   "3688920"   "3689061"   "3693486"   "3703283"   "3709492"   "3722879"   "3724640"   "3729188"   "3729886"   "3735975"   "3739886"   "3740049"   "3747920"   "3752043"   "3758381"   "3766701"   "3773322"   "3784187"   "3784188"   "3785638"   "3788636"   "3805971"   "3822009"   "3834689"   "3851773"   "3866905"   "3870292"   "3902587"   "3905260"   "3908985"   "3948504"   "3955811"   "3968364"   "3968960"   "3977152"   "3980183"   "3995748"   "4029310"   "4060231"   "4070014"   "4088314"   "4102253"   "4120491"   "4125253"   "4139191"   "4141443"   "4162733"   "4173846"   "4181052"   "4181213"   "4183704"   "4190241"   "4190242"   "4215774"   "4228997"   "4229134"   "4230312"   "4244565"   "4252309"   "4269555"   "4275874"   "4279410"   "4285621"   "4296684"   "4311475"   "4314785"   "4332582"   "4342325").PN. OR ("4349185"   "4349188"   "4357126"   "4359218"   "4363584"   "4367997"   "4385756"   "4385757"   "4391596"   "4396336"   "4401021"   "4406650"   "4423995"   "4428574"   "4431177"   "4431178"   "4441703"   "4456234"   "4460169"   "4460350"   "4465193"   "4469320"   "4470590"   "4473219"   "4474521"   "4475730"   "4477218"   "4479641"   "4487408"   "4494741"   "4501418"   "4506882"   "4508527"   "4511136"   "4513958"   "4521008"   "4522387"   "4523671"   "4526266"   "4530694"   "4534552"   "4537390"   "4552351"   "4565363"   "4577852"   "4584917"   "4589645"   "4593896"   "4595193"   "4600186"   "4603849"   "4613268"   "4625957"   "4629174"   "4635919"   "4638993"   "4639582"   "4650447"   "4669644"   "4673382"   "4678175"   "4700939"   "4712785"   "4714394"   "4717135"   "4718655"   "4718807"   "4721295"   "4723488"   "4736936"   "4751807"   "4762313"   "4770402"   "4770405"   "4819021"   "4821613"   "4824307"   "4824426"   "4828243"   "4832329"   "4842573"   "4846454"   "4874158"   "4886260"   "4886264"   "4915371"   "4921235"   "4925173"   "4925179"   "4930977"   "4938465"   "4938467"   "4948112"   "4969641"   "4977803"   "4979727"   "4997338"   "5000437"   "5017972"   "5018717"   "5026034"   "5026036"   "5028045"   "5038647"   "5040663"   "5040783"   "5049123"   "5058880"   "5065996"   "5065997"   "5074735"   "5076559"   "5083998"   "5088707"   "5088720"   "5094337"   "5098074"   "5098080"   "5101963"   "5104282"   "5114135"   "5114306"   "5120049"   "5125645"   "5144306").PN. OR ("5145167"   "5150168"   "5152203"   "5163672"   "5169140"   "5171007"   "5172904"   "5180160"   "5184712"   "5188212"   "5201517"   "5201700"   "5205550"   "5207416"   "5217220"   "5236188"   "5242367"   "5249791"   "5261655"   "5273271"   "5286018"   "5288062"   "5289747"   "5290141"   "5299793"   "5308056"   "5315907"   "5322270"   "5324014"   "5346203"   "5347350"   "5356131"   "5359929"   "5359930"   "5405126"   "5409201"   "5409202"   "5421700"   "5425694"   "5425697"   "5454687"   "5458033"   "5460258"   "5464316"   "5473420"   "5476256"   "5485992"   "5503518"   "5518230"   "5522292"   "5524876"   "5551678"   "5551681"   "5556252"   "5558488"   "5579894"   "5597285"   "5611530"   "5613673"   "5616113"   "5620081"   "5620177"   "5630584"   "5639083"   "5647586"   "5690328"   "5692740"   "5700003"   "5713283"   "5730435"   "5730695"   "5732623"   "5746568"   "5772391"   "5775682"   "5782332"   "5803705"   "5820122"   "5894937"   "5899447"   "5899448"   "5927712"   "5944307"   "5947470"   "5975273"   "5975525"   "5992843"   "6000334"   "6019209"   "6050565"   "6102189"   "6135436"   "6165113"   "6165116"   "6206362"   "6217018"   "6254522"   "6276678"   "6279899"   "6299156"   "6322315"   "6354591"   "6394445"   "6409165"   "6439372"   "6478294"   "6592119"   "6877740"   "RE27765"   "RE32872"   "Re25018").PN. OR ("2001/0020768"   "2005/0023746"   "2005/0087925"   "2005/0280201"   "2007/0210508"   "2008/0029951"   "2008/0036136"   "3298683"   "4470590"   "4501418"   "4511136"   "4552351"   "4593896"   "4595193"   "4629174"   "4714394"   "5028045"   "5098080"   "5114135"   "5172904"   "5409201"   "5409202"   "5518230"   "5685532"   "5692740"   "5803705"   "5899448"   "6019209"   "6165113"   "6581927"   "6592119"   "6832886"   "6877740"   "7159863"   "7219887"   "7364398").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/12 13:50
S18	40	S17 not (S4 S5 S6 S7 S8 S9 S10 S11 S13 S14 S15 S16)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/12 13:51
S19	2	((("5065996") or ("5145167"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/05/12 14:57
S20	1	"5692740".pn.	US-PGPUB; USPAT	OR	ON	2008/06/16 15:00
S21	1	"5803705".pn.	US-PGPUB; USPAT	OR	ON	2008/11/10 13:47
S22	0	271/215.ccls. not 271/153,154,214,185,186,177,178,187,314,315,82,155,215,217.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 11:19
S23	217	271/215.ccls. not 271/153,154,214,185,186,177,178,187,314,315,82,155,217.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 11:19

S24	381	271/3.17.ccls. not 271/153,154,214,185,186,177,178,187,314,315,82,155,217,215.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:12
S25	442	271/220.ccls. not 271/153,154,214,185,186,177,178,187,314,315,82,155,217,215,3.17.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/12 13:14
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S30	15	("3466983"   "4688924"   "4730822"   "5045881"   "5128762"   "5316279"   "5407081"   "5409202").PN. OR ("5639080").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/12 14:39
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S36	298	198/441,459.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 11:07
S37	238	414/793.9,794.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 11:22
S38	31	271/153,154,214,185,186,177,178,187,314,315,82,155,217,215,3,17,220;414/793.9,794,198,441,459.2.ccls. and jacket	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/13 11:34
S39	8	((("4501418") or ("5409202") or ("5518230") or ("5692740") or ("6109605") or ("20020063378") or ("20020060406") or ("6575461"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/12/08 10:29
S40	56	(US-20050280201-\$ or US-20050023746-\$ or US-20080036136-\$ or US-20080029951-\$ or US-20070210508-\$ or US-20050087925-\$ or US-20010020768-\$).did. or (US-5518230-\$ or US-7364398-\$ or US-7219887-\$ or US-6877740-\$ or US-6832886-\$ or US-6165113-\$ or US-6019209-\$ or US-5899448-\$ or US-5172904-\$ or US-5098080-\$ or US-6581927-\$ or US-5803705-\$ or US-5692740-\$ or US-5114135-\$ or US-5028045-\$ or US-4714394-\$ or US-4629174-\$ or US-4595193-\$ or US-4593896-\$ or US-4552351-\$ or US-4511136-\$ or US-4501418-\$ or US-4470590-\$ or US-6592119-\$ or US-5409201-\$ or US-7159863-\$).did. or (US-5685532-\$ or US-5409202-\$ or US-3298683-\$ or US-5171007-\$ or US-5145167-\$ or US-5188353-\$ or US-3006641-\$ or US-6244583-\$ or US-5676367-\$ or US-5026034-\$ or US-5639080-\$ or US-5609333-\$ or US-RE32872-\$ or US-0678754-\$ or US-6247695-\$ or US-6547240-\$ or US-6109605-\$).did. or (FR-2664581-\$).did. or (JP-06009137-\$ or JP-05319678-\$ or JP-03267262-\$ or JP-06171816-\$ or JP-02282161-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/08 10:30
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S42	16	271/153,154,214,185,186,177,178,187,314,315,82,155,217,215,3.17,220;414/793.9,794,198,441,459.2.ccls. and (outer adj cover\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 10:33
S43	11	271/153,154,214,185,186,177,178,187,314,315,82,155,217,215,3.17,220;414/793.9,794,198,441,459.2.ccls. and (outer adj layer)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 10:34
S44	7	271/153,154,214,185,186,177,178,187,314,315,82,155,217,215,3.17,220;414/793.9,794,198,441,459.2.ccls. and (rubber with (layer cover\$3) with friction)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/08 10:36
S45	367	271/314.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/06 11:32
S46	58	271/314.ccls. and independent\$4	US-PGPUB; USPAT	OR	ON	2009/05/06 11:32
S47	65	271/153,154,214,185,186,177,178,187,314,315,82,155,217,215,3.17,220;414/793.9,794,198,441,459.2.ccls. and @pd> "20081101"	US-PGPUB; USPAT	OR	ON	2009/05/06 11:35

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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7/ 31/ 2009 11:07:14 AM  
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